

SLOVENSKI STANDARD

SIST EN 61252:2000/A1:2002

01-september-2002

Electroacoustics - Specification for personal sound exposure - Amendment A1 (IEC 61252:1993/A1:2001)

Electroacoustics - Specifications for personal sound exposure meters

Elektroakustik - Anforderungen an Personenschallexposimeter

Electroacoustique - Spécifications des exposimètres acoustiques individuels

STANDARD PREVIEW
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Ta slovenski standard je istoveten z: EN 61252:1995/A1:2001

<https://standards.iteh.ai/catalog/standards/sist/e22514a9-41b2-4a7e-b330-aa4aed294b99/sist-en-61252-2000-a1-2002>

ICS:

13.140	Vpliv hrupa na ljudi	Noise with respect to human beings
17.140.50	Elektroakustika	Electroacoustics

SIST EN 61252:2000/A1:2002

en

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 61252/A1

January 2001

ICS 17.140.50

English version

**Electroacoustics -
Specifications for personal sound exposure meters
(IEC 61252:1993/A1:2000)**

Electroacoustique - Spécifications des
exposimètres acoustiques individuels
(CEI 61252:1993/A1:2000)

Elektroakustik - Anforderungen an
Personenschall-exposimeter
(IEC 61252:1993/A1:2000)

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This amendment A1 modifies the European Standard EN 61252:1995; it was approved by CENELEC on 2000-11-01. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this amendment the status of a national standard without any alteration.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CENELEC member.

This amendment exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CENELEC member into its own language and notified to the Central Secretariat has the same status as the official versions.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

CENELEC

European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

Central Secretariat: rue de Stassart 35, B - 1050 Brussels

Foreword

The text of document 29/457/FDIS, future amendment 1 to IEC 61252:1993, prepared by IEC TC 29, Electroacoustics, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as amendment A1 to EN 61252:1995 on 2000-11-01.

The following dates were fixed:

- latest date by which the amendment has to be implemented
at national level by publication of an identical
national standard or by endorsement (dop) 2001-08-01
- latest date by which the national standards conflicting
with the amendment have to be withdrawn (dow) 2003-11-01

Annexes designated "normative" are part of the body of the standard.
Annexes designated "informative" are given for information only.
In this standard, annex ZA is normative and annex C is informative.
Annex ZA has been added by CENELEC.

Endorsement notice

The text of amendment 1:2000 to the International Standard IEC 61252:1993 was approved by CENELEC as an amendment to the European Standard without any modification.

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Annex ZA (normative)

Normative references to international publications with their corresponding European publications

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
Add:				
IEC 61000-4-2	1995	Electromagnetic compatibility (EMC) Part 4-2: Testing and measurement techniques - Electrostatic discharge immunity test	EN 61000-4-2	1995
IEC 61000-4-3 (mod)	1995	Part 4-3: Testing and measurement techniques - Radiated, radio-frequency, electromagnetic field immunity test	EN 61000-4-3	1996
IEC 61000-6-1	1997	Part 6-1: Generic standards - Immunity for residential, commercial and light-industrial environments	-	-
IEC 61000-6-2	1999	Part 6-2: Generic standards - Immunity for industrial environments	EN 61000-6-2	1999
IEC 61000-6-3	1996	Part 6-3: Generic standards - Emission standard for residential, commercial and light-industrial environments	-	-
CISPR 22 (mod)	1997	Information technology equipment - Radio disturbance characteristics - Limits and methods of measurement	EN 55022 + corr. August	1998 1999

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NORME
INTERNATIONALE
INTERNATIONAL
STANDARD

CEI
IEC

61252

1993

AMENDEMENT 1
AMENDMENT 1
2000-10

Amendement 1

**Electroacoustique –
Spécifications des exposimètres
acoustiques individuels**

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**Electroacoustics –
Specifications for personal sound
exposure meters**

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Commission Electrotechnique Internationale
International Electrotechnical Commission
Международная Электротехническая Комиссия

CODE PRIX
PRICE CODE

K

Pour prix, voir catalogue en vigueur
For price, see current catalogue

FOREWORD

This amendment has been prepared by IEC technical committee 29: Electroacoustics.

The text of this amendment is based on the following documents:

FDIS	Report on voting
29/457/FDIS	29/471/RVD

Full information on the voting for the approval of this amendment can be found in the report on voting indicated in the above table.

The committee has decided that the contents of the base publication and its amendments will remain unchanged until 2004. At this date, the publication will be:

- reconfirmed;
- withdrawn;
- replaced by a revised edition, or
- amended.

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Add the following new clause: [SIST EN 61252:2000/A1:2002](https://standards.iteh.ai/catalog/standards/sist/e22514a9-41b2-4a7e-b330-aa4aed294b99/sist-en-61252-2000-a1-2002)
<https://standards.iteh.ai/catalog/standards/sist/e22514a9-41b2-4a7e-b330-aa4aed294b99/sist-en-61252-2000-a1-2002>

15 Electromagnetic and electrostatic compatibility requirements and test procedures

Add the following new annex:

Annex C – Emission limits

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2 Normative references

Insert, on page 11, after IEC 60942, the titles of the following standards:

IEC 61000-4-2:1995, *Electromagnetic compatibility (EMC) – Part 4: Testing and measurement techniques – Section 2: Electrostatic discharge immunity test. Basic EMC publication*

IEC 61000-4-3:1995, *Electromagnetic compatibility (EMC) – Part 4: Testing and measurement techniques – Section 3: Radiated, radio-frequency, electromagnetic field immunity test*

IEC 61000-6-1:1997, *Electromagnetic compatibility (EMC) – Part 6: Generic standards – Section 1: Immunity for residential, commercial and light-industrial environments*

IEC 61000-6-2:1999, *Electromagnetic compatibility (EMC) – Part 6-2: Generic standards – Immunity for industrial environments*

CISPR 22:1997, *Information technology equipment – Radio disturbance characteristics – Limits and methods of measurement*

CISPR 61000-6-3:1996, *Electromagnetic compatibility (EMC) – Part 6: Generic standards – Section 3: Emission standard for residential, commercial and light-industrial environments*

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3 Definitions

Add, on page 15, the following phrase and new definition:

The following definition applies in addition to those specified in IEC 61000-4-2, IEC 61000-4-3, IEC 61000-6-1, IEC 61000-6-2, and CISPR 61000-6-3.

3.11

reference orientation (of a personal sound exposure meter)

orientation of a personal sound exposure meter that corresponds to the meter as worn in normal use by a person standing upright and facing the principal direction of an emitter or receiver of radio-frequency electromagnetic fields

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Add the following new clause 15:

15 Electromagnetic and electrostatic compatibility requirements and test procedures

15.1 Field of application

15.1.1 This clause specifies requirements for personal sound exposure meters with respect to their immunity to power- and radio-frequency fields and to electrostatic discharge, and the permitted radio-frequency emissions, together with test procedures to demonstrate conformance to the specifications of this standard. As personal sound exposure meters of this type are principally designed to be worn by a person, these requirements are specified for battery operation of the instruments only. No specific requirements are made for public power supply connection. If the meter is used in such a fashion, then the applicable generic electromagnetic compatibility standards prevail.

15.1.2 The electromagnetic and electrostatic compatibility requirements are equally applicable for personal sound exposure meters used in residential, commercial and light-industrial environments, or industrial sites. The requirements of this clause are additional to those contained in previous clauses and do not alter any of the specifications for personal sound exposure meters contained therein. The requirements do not apply to personal sound exposure meters complying with this standard prior to the publication of the amendment.